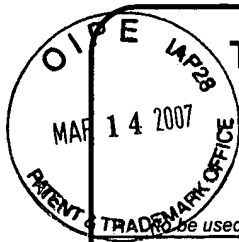


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# TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number 10/528,963

Filing Date March 16, 2005

First Named Inventor Xiao-fan Feng

Art Unit 2623

Examiner Name TBD

Attorney Docket Number 7146.0329

## ENCLOSURES (check all that apply)

☐ Fee Transmittal Form☐ Fee Attached☐ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Reply to Missing Parts/  
Incomplete Application☐ Reply to Missing Parts  
under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a  
Provisional Application☐ Power of Attorney, Revocation  
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ Landscape Table on CD☐ After Allowance Communication to TC☐ Appeal Communication to Board  
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(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)  
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Four pieces of Prior Art - totaling 42 pages

## Remarks

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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm

J. Douglas Wells of Chernoff, Vilhauer, McCillung & Stenzel, LLP  
Suite 1600  
601 S.W. Second Avenue  
Portland, OR 97204

Signature

Printed Name

J. Douglas Wells

Date

March 12, 2007

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Xiao-fan Feng                      Group Art Unit: 2623  
Serial No.: 10/528,963                      Examiner: TBD  
Filed: March 16, 2005                      Customer No.: 55648  
Conf. No.: 9041                      Docket No.: 7146.0329  
Title: IMAGE COMPRESSION USING A COLOR VISUAL MODEL

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IN ACCORDANCE WITH 37 CFR §1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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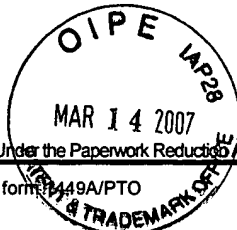
Applicant submits herewith a listing of the patents or patent applications of which he is aware and which he desires to have considered by the Patent Office in accordance with 37 CFR §1.97. In accordance with 37 CFR §1.97(b)(3), this Information Disclosure Statement is being filed prior to an action on the merits of the above-identified application.

In accordance with 37 CFR §1.97(h), the filing of this Information Disclosure Statement will not be regarded as an admission that any patent or publication or combination of patents referred to herein is, or is considered to be, material to patentability under 37 CFR §1.56(b) unless specifically designated as such.

A list of the United States (if any) and foreign patents or published patent applications disclosed herewith is set forth on the attached page(s) of Form PTO/SB/08. In accordance with 37 CFR §1.98 (a)(2)(i), copies of such U.S. patent and patent application references are not enclosed with this submission. The person making this statement is the attorney who signs below on the basis of the information supplied by the inventor and the information in his file.

Respectfully submitted

J. Douglas Wells  
Registration No. 50,477



Substitute for form PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number 10/528,963

Filing Date March 16, 2005

First Named Inventor Xiao-fan Feng

Art Unit 2623

Examiner Name TBD

Attorney Docket Number 7146.0329

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|------------------------|--------------------------|--|--------------------------------|--|---|
|                        |                          | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
|                        |                          | US- 4,369,463                              | 1-18-1983                      | Anastassiou, et al.                                |   |
|                        |                          | US- 4,780,761                              | 10-25-1988                     | Daly, et al.                                       |   |
|                        |                          | US- 5,065,092                              | 11-12-1991                     | Sigler   |   |
|                        |                          | US- 5,266,889                              | 11-30-1993                     | Harwood, et al.                                    |   |
|                        |                          | US- 5,426,512                              | 10-20-1995                     | Watson   |   |
|                        |                          | US- 5,467,129                              | 11-14-1995                     | Suzuki   |   |
|                        |                          | US- 5,686,961                              | 11-11-1997                     | Gasztanyi, et al.                                  |   |
|                        |                          | US- 5,774,574                              | 6-30-1998                      | Hoki   |   |
|                        |                          | US- 6,031,939                              | 2-29-2000                      | Gilbert, et al.                                    |   |
|                        |                          | US- 6,266,817                              | 7-24-2001                      | Chaddha  |   |
|                        |                          | US- 6,349,151                              | 2-19-2002                      | Jones, et al.                                      |   |
|                        |                          | US-  |                                |  |   |
|                        |                          | US-  |                                |  |   |
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**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|------------------------|--------------------------|---|-----------------------------------|---|--|----------------|
|                        |                          | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                   |   |  |                |
|                        |                          | WO/0213538  | 2-14-2002                         | Monro   |  |                |
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Sheet

2

of

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Application Number 10/528,963

Filing Date March 16, 2005

First Named Inventor Xiao-fan Feng

Art Unit 2623

Examiner Name TBD

Attorney Docket Number 7146.0329

**NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                                     | T <sup>2</sup> |
|------------------------|--------------------------|---|----------------|
|                        |                          | Xiao-fan Feng, Jon Speigle and Atsuhisa Morimoto of Sharp Laboratories of America, Inc.; <a href="http://www.imaging.org/">http://www.imaging.org/</a> ; Society for Imaging Science and Technology; Abstract of <i>Halftone Quality Evaluation Using Color Visual Models</i> ; April 2002; pp 1-2. |                |
|                        |                          | A.J. Ahumada, et al.; <i>Luminance-Model-Based DCT Quantization For Color Image Compression</i> ; Human Vision, Visual Processing, and Digital Display III Proc. SPIE 1666, Paper 32; 1992; pp 365-374.   |                |
|                        |                          | H.A. Peterson, et al., <i>An Improved Detection Model for DCT Coefficient Quantization</i> ; Human Vision, Visual Processing, and Digital Display IV Proc. SPIE 1913; 1993; pp 191-201.   |                |
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